

Running, Shifting and Positioning Tools

9 Double Safe Release Joint

The **Wireline Double Safe Release Joint** enables the controlled disengagement of the wireline from a toolstring which has become stuck downhole, eliminating the need to revert to the traditional fishing methods described above. The Wireline Double Safe Release Joint comprises of an upper section, which contains a hydraulic reservoir/transfer system; and a lower section, which houses a shear-pinned release assembly. The lower release assembly consists of a bottom sub with an internal 'GS' fishing neck looking up. This is secured to the tool via lug segments, which are locked out by a shear sleeve pinned to the body of the tool. The shear-pin is protected from shearing prematurely by the hydraulic reservoir, which acts as a

damper to any shock loads. When tool release is required, a simple time delay/sit down action effects hydraulic transfer. After a short time lapse, the release joint is jarred down. This effectively shears the release pin and drives down the shear sleeve, un-backing the lug segments and releasing the bottom sub from the remainder of the tool. The released bottom sub/lower part of the toolstring may then be fished using a 'GS' type pulling tool, in the usual manner.

Available tool sizes as shown. Please contact our sales office for further enquiries.

Max O.D.	Upper Connection	Upper Fishing Neck O.D.	Lower (Releasing) Neck I.D.	Retrieval Tools	Lower Thread Connection
1.500"	15/16"-10UN	1.375"	1.08"	1 1/2"	15/16"-10UN
1.875"	1 1/16"-10UN	1.750"	1.38"	2"	1 1/16"-10UN
2.125"	1 1/16"-10UN	1.750"	1.38"	2"	1 1/16"-10UN
2.500"	1 9/16"-10UN	2.313"	1.81"	2 1/2"	1 9/16"-10UN

Toolstring Equipment



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